



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/509,423

05/16/2005

Oleksiy Yu. Shevchenko

50377-013

7439

20277 7590 09/01/2009  
MCDERMOTT WILL & EMERY LLP  
600 13TH STREET, N.W.  
WASHINGTON, DC 20005-3096

EXAMINER

REVAK, CHRISTOPHER A

ART UNIT

PAPER NUMBER

2431

MAIL DATE

DELIVERY MODE

09/01/2009

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/509,423	<b>Applicant(s)</b> SHEVCHENKO, OLEKSIY YU.	
	<b>Examiner</b> Christopher A. Revak	<b>Art Unit</b> 2431	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 20 April 2009.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 11-30 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 11-30 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 September 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments with respect to claims 11-30 have been considered but are moot in view of the new grounds of rejection.

### ***Specification***

2. The disclosure is objected to because it contains an embedded hyperlink and/or other form of browser-executable code on page 3 of the applicant's specification. Applicant is required to delete the embedded hyperlink and/or other form of browser-executable code. See MPEP § 608.01.

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 11-30 rejected under 35 U.S.C. 102(e) as being anticipated by Alvarez, U.S. Patent 6,345,099.

As per claim 11, it is disclosed of a system for protecting a computer device from unauthorized access, said protecting system being external with respect to the computer device and being connectable to a source of data to be provided to said computer device, said protecting system comprising a controller for processing said data to produce graphic information representing said data, the graphic information being produced in a graphic format inside said protecting system, and an output buffer providing a path for transferring the graphic information to a monitor (col. 3, line 35 through col. 4, line 16).

As per claim 12, it is taught wherein said graphic information is formed of a pixel pattern displayable data are adapted for displaying by a monitor controllable by said computer device (col. 3, line 62 through col. 4, line 4).

As per claim 13, it is disclosed wherein said source of data is configured for supplying said data via a communication link (col. 3, line 35 through col. 4, line 16).

As per claim 14, it is taught wherein said controller is configured for receiving instructions from an input device of said computer device (col. 6, lines 34-46).

As per claim 15, it is disclosed of further comprising an input buffer connected to the input device, and responsive to the instructions from the input said computer device for supplying the controller with a driving signal (col. 3, line 35 through col. 4, line 16).

As per claim 16, it is taught the input buffer is arranged separately from the output buffer further comprising an output buffer responsive to output information from the controller for converting said output information into a graphic format (col. 3, line 35 through col. 4, line 16).

As per claim 17, it is disclosed wherein said output buffer is configured for temporarily storing converted graphic information until processing of said data is completed (col. 3, line 35 through col. 4, line 16).

As per claim 18, it is taught of further comprising storage for storing said data during a period of processing said data by said controller (col. 3, line 35 through col. 4, line 16).

As per claim 19, it is disclosed wherein the controller is configured for replacing a name extension of a program file received from the source of data with another name extension, wherein said storage is responsive to said output information from the controller for supplying said output buffer with said output information (col. 3, line 35 through col. 4, line 16).

As per claim 20, it is taught of further comprising a controllable input switch connectable to said source of data and configured for preventing said data from being supplied to the controller after termination of communication with said source of data (col. 3, line 35 through col. 4, line 16).

As per claim 21, it is disclosed of further comprising a controllable output switch configured for outputting said graphic information (col. 3, line 35 through col. 4, line 16).

As per claim 22, it is taught of a method of preventing unauthorized access to a computer device using a protection device external with respect to the computer device, the method comprising the steps of preventing data to be provided to the computer device from being supplied to the computer device, supplying said data to the protection device, and processing said supplied data to produce, inside the protection device,

Art Unit: 2431

graphic information in a graphic format for supplying to a monitor (col. 3, line 35 through col. 4, line 16).

As per claim 23, it is disclosed of further comprising the step of displaying said graphic information formed of a pixel pattern, by a monitor controllable by the computer device (col. 3, line 62 through col. 4, line 4).

As per claim 24, it is taught of further comprising the step of supplying instructions from an input device of said computer device to said protection device (col. 6, lines 34-46).

As per claim 25, it is disclosed wherein the instructions from the input device to the protection device are transferred via a path provided by an input buffer separate from an output buffer that provides a path for transferring the graphic information from the protection device to the monitor the step of processing includes the step of converting processed information into a graphic format (col. 3, line 35 through col. 4, line 16).

As per claim 26, it is taught of further comprising the step of temporarily storing converted graphic information until processing of the supplied data is completed (col. 3, line 35 through col. 4, line 16).

As per claim 27, it is disclosed of further comprising the step of storing said supplied data in a storage device during processing of said supplied data (col. 3, line 35 through col. 4, line 16).

As per claim 28, it is taught of further comprising the step of preventing said supplied data from being supplied to the protection device after termination of

Art Unit: 2431

communication with a source of said supplied data col. 3, line 35 through col. 4, line 16 (col. 3, line 35 through col. 4, line 16).

As per claim 29, it is disclosed of further comprising the step of providing controllable output of said graphic information (col. 3, line 35 through col. 4, line 16).

As per claim 30, it is taught of further comprising the step of preventing data stored in the computer device from being transferred outside of the computer device (col. 4, lines 4-11).

### ***Conclusion***

5. Applicant's amendment necessitated the new grounds of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Art Unit: 2431

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher A. Revak whose telephone number is 571-272-3794. The examiner can normally be reached on Monday-Thursday, 9:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Korzuch can be reached on 517-272-7589. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Christopher A. Revak/  
Primary Examiner, Art Unit 2431